Applicant: Masayuki Tobita et al.

Serial No.: 10/686.384

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Serial No.: 10/686,384 Filed: October 14, 2003

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Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application.

Listing of Claims:

1. (Original) A mold product comprising liquid crystal composition for conducting heat, the liquid crystal composition containing liquid crystal polymer having an orientation degree α obtained by equation 1 below,

Orientation degree $\alpha = (180-\Delta\beta)/180$ equation 1

wherein $\Delta\beta$ is a half width in an intensity distribution obtained by fixing peak scattering angle in X-ray diffraction measurement and by varying the azimuth angle from 0 to 360 degrees, and

wherein said orientation degree α is in a range between 0.5 and 1.0.

- 2. (Original) A mold product according to claim 1, wherein said liquid crystal composition contains heat conductive filler of less than 100 parts by weight with respect to 100 parts by weight liquid crystal polymer.
- 3. (Original) A mold product according to claim 1 wherein the liquid crystal polymer is a thermotropic liquid crystal polymer that exhibits melt phase having optical anisotropic property.
- 4. (Original) A mold product according to claim 3 wherein said thermotropic liquid crystal polymer comprises a polymer selected from a group consisting of full aromatic polyesters and full aromatic polyesteramides.

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5. (Original) A mold product according to claim 1 wherein said liquid crystal polymers were provided with an orientation degree α by applying a magnetic force generated by a magnetic field generating device.

- 6. (Original) A mold product according to claim 1 wherein said mold product is formed into a sheet shape and the orientation degree .alpha. of the liquid crystal polymers at least in a direction of the thickness is in a range between 0.5 and 1.0.
- 7. (Original) A mold product according to claim 1 wherein a heat conductivity λ in at least one direction is in a range between 0.7 W/(m·K) and 20 W/(m·K).
- 8. (New) The mold product of claim 1, wherein the orientation degree α is in a range between 0.71 and 0.91.
- 9. (New) The mold product of claim 1, wherein the liquid crystal polymer is an aromatic polyester containing 80 mol% 4-hydroxybenzoic acid and 20 mol% mixture of terephthalic acid and ethylene glycol.
- 10. (New) The mold product of claim 9, wherein the orientation degree α is in a range between 0.71 and 0.91.
- 11. (New) The mold product of claim 1, wherein the liquid crystal polymer is an aromatic polyester containing 60 mol% 4-hydroxybenzoic acid and 40 mol% mixture of terephthalic acid and ethylene glycol.
- 12. (New) The mold product of claim 11, wherein the orientation degree α is in a range between 0.71 and 0.91.